

$^{16}\text{O}(\text{P},\text{P}'\alpha)$ **1984Ca09**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1984Ca09: $^{16}\text{O}(\text{p},\text{p}'\alpha)$ E=101.5 MeV. Measured $\sigma(E(p),\theta(p),\theta(\alpha))$; deduced levels, α spectroscopic factors.
 2001Ki25: $^{16}\text{O}(\text{p},\text{p}'\alpha)$ E<101.5 MeV. Analyzed γ -ray lineshapes.

 ^{12}C Levels

$E(\text{level})^\dagger$
0
4.44×10^3
14.1×10^3

[†] From (1984Ca09).

 $\gamma(^{12}\text{C})$

E_γ	$E_i(\text{level})$	E_f
4.44×10^3	4.44×10^3	0

 $^{16}\text{O}(\text{P},\text{P}'\alpha)$ **1984Ca09**Level Scheme